



Goniometrie - 1

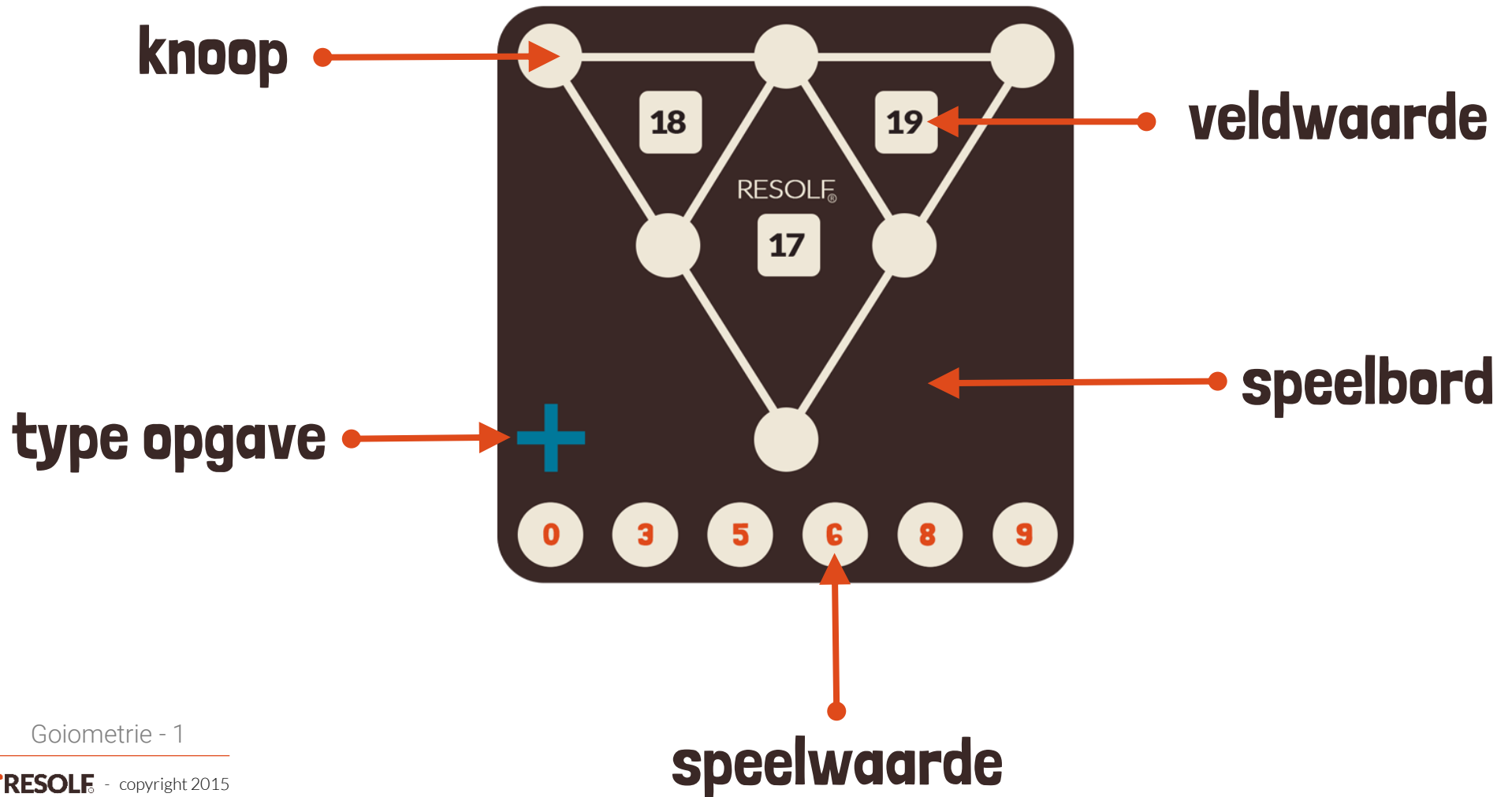
$$\sin(-x) = -\sin(x)$$

$$\sin(x) = \cos\left(\frac{\pi}{2} - x\right)$$

$$\sin^2(x) + \cos^2(x) = 1$$

$$\tan(x) = \frac{\sin(x)}{\cos(x)}$$

LEGENDA



TYPE OPGAVEN

SOM



Plaats de
speelgetallen in de
knopen zodat **de
som** gelijk is aan de
veldwaarde.

PRODUKT



Plaats de
speelgetallen in de
knopen zodat **het
product** gelijk is aan
de veldwaarde.

SOMPRODUKT



Plaats de
speelgetallen in de
knopen zodat **de
som** of **het product**
gelijk is aan de
veldwaarde.

FUNCTIE

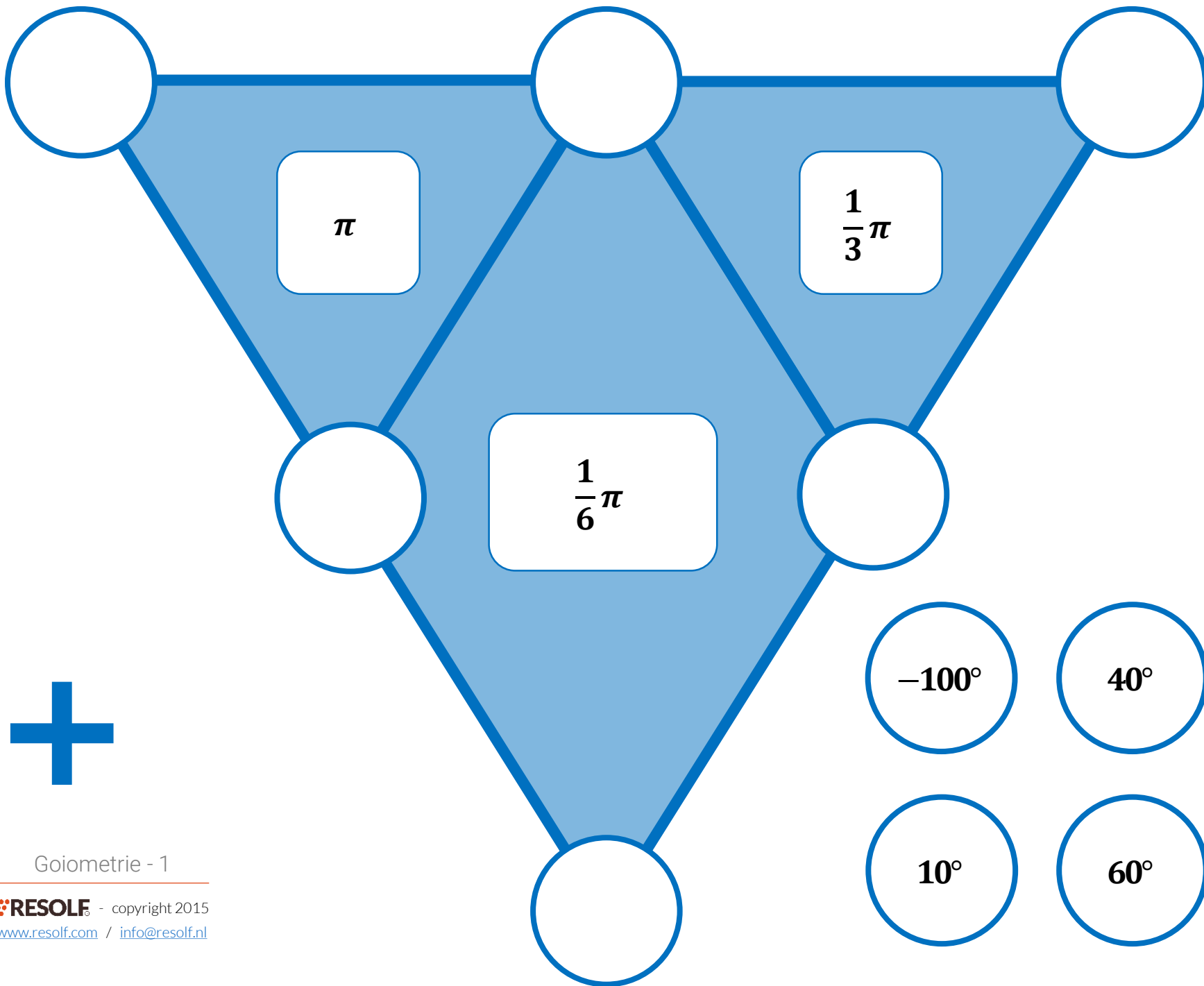


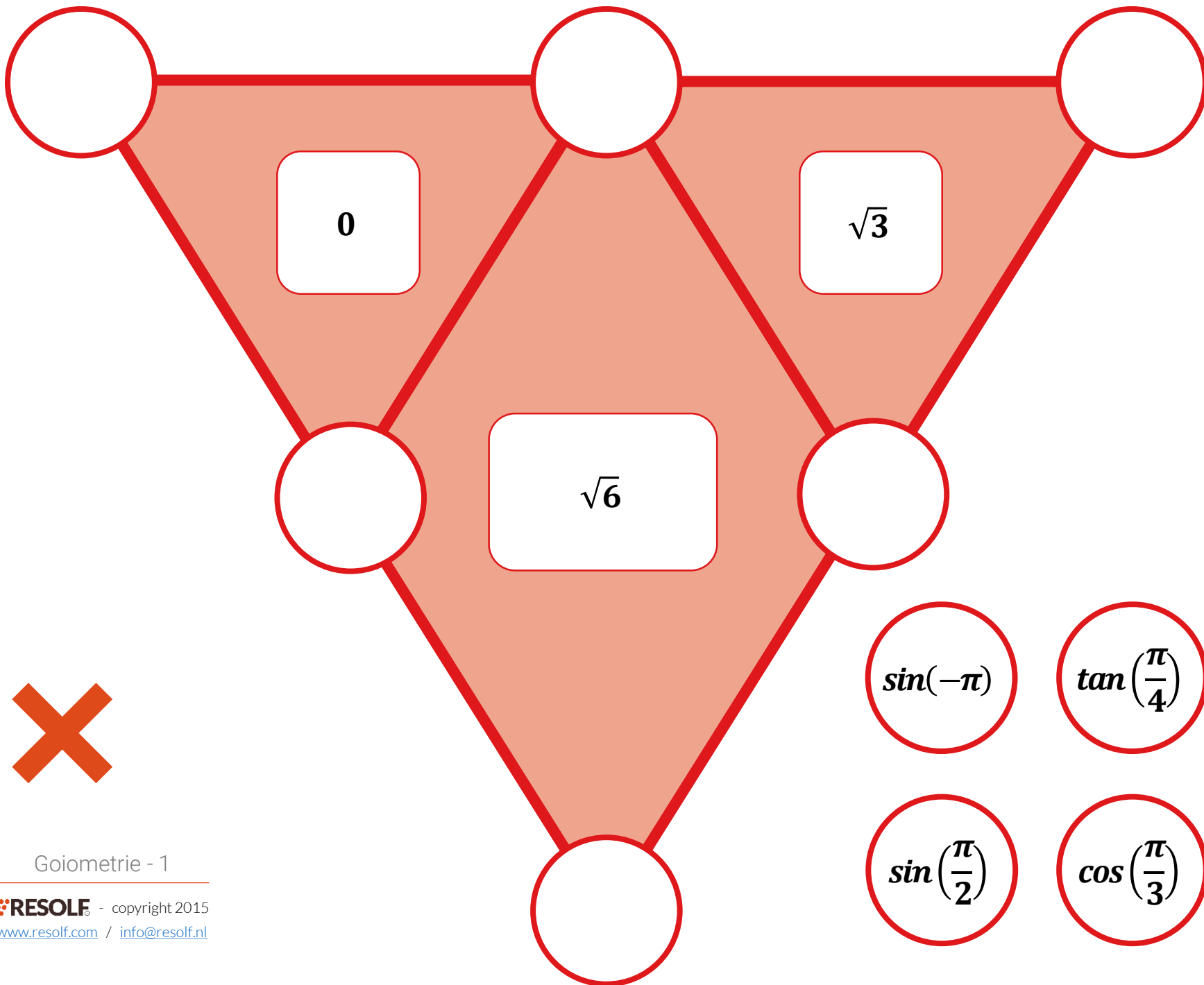
Plaats de
speelcoördinaten in
de knopen zodat ze
**voldoen aan de
vergelijking** in het
veld.

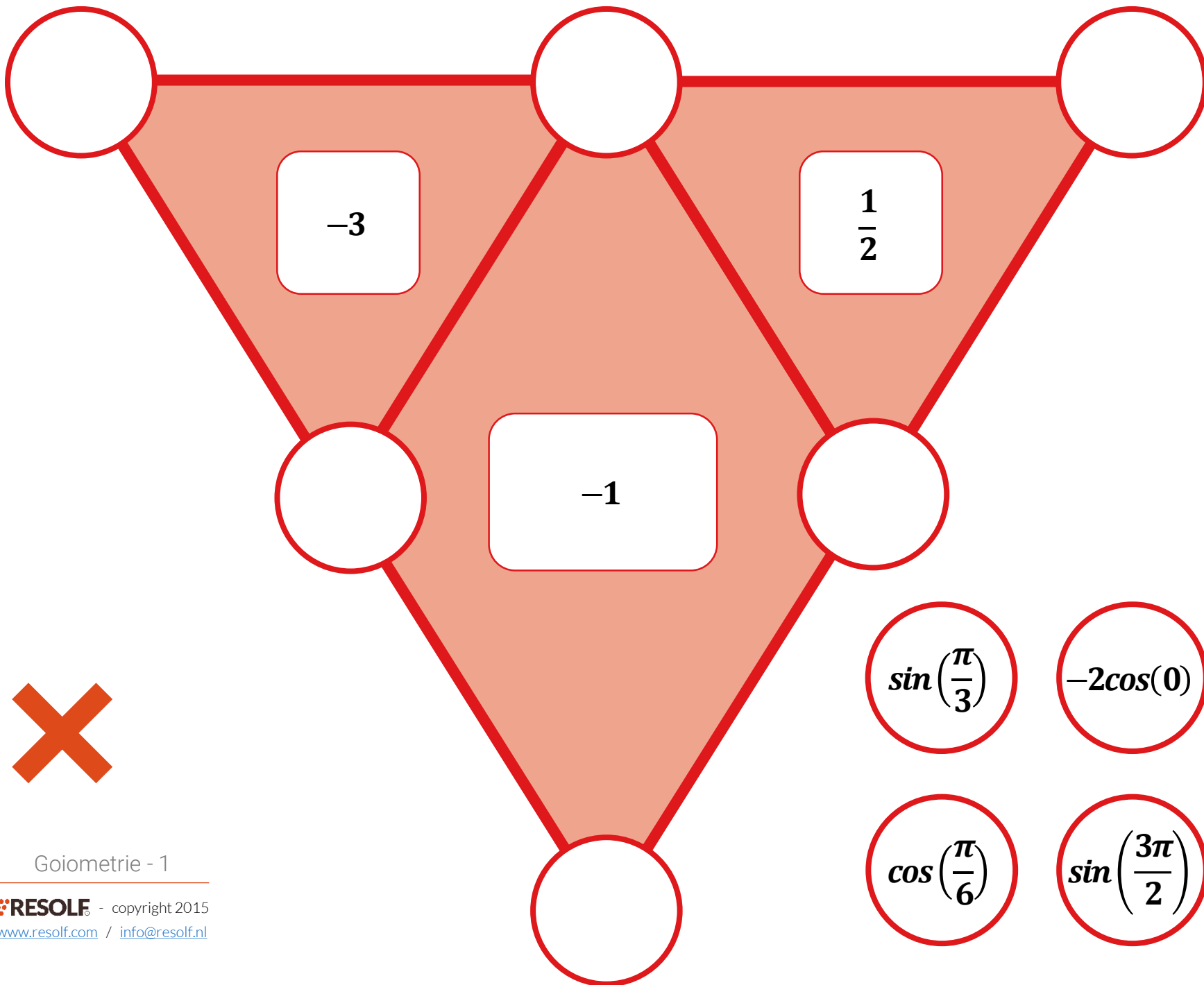


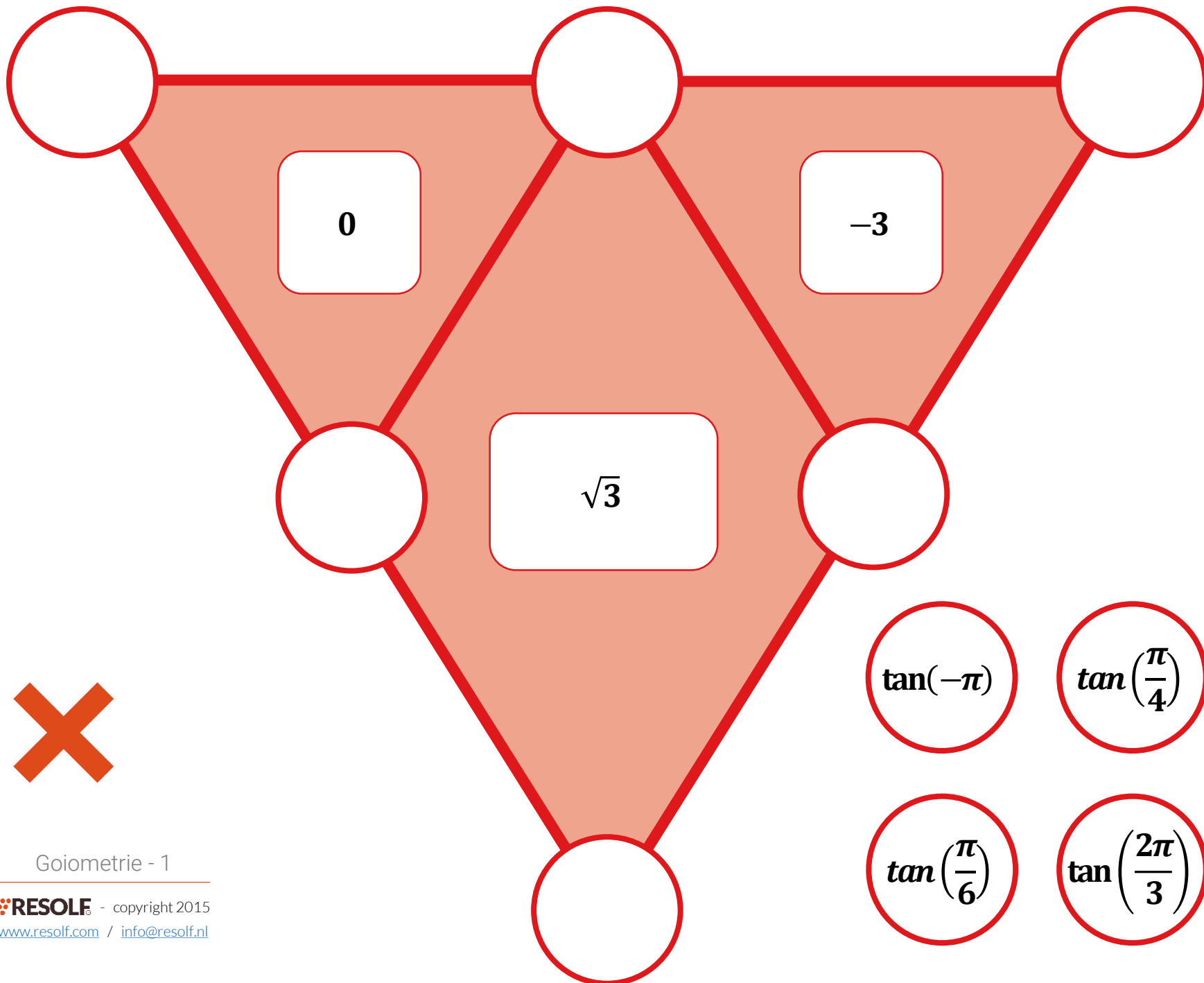
OPGAVEN

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0

-3

$\sqrt{3}$

$\tan(-\pi)$

$\tan\left(\frac{\pi}{4}\right)$

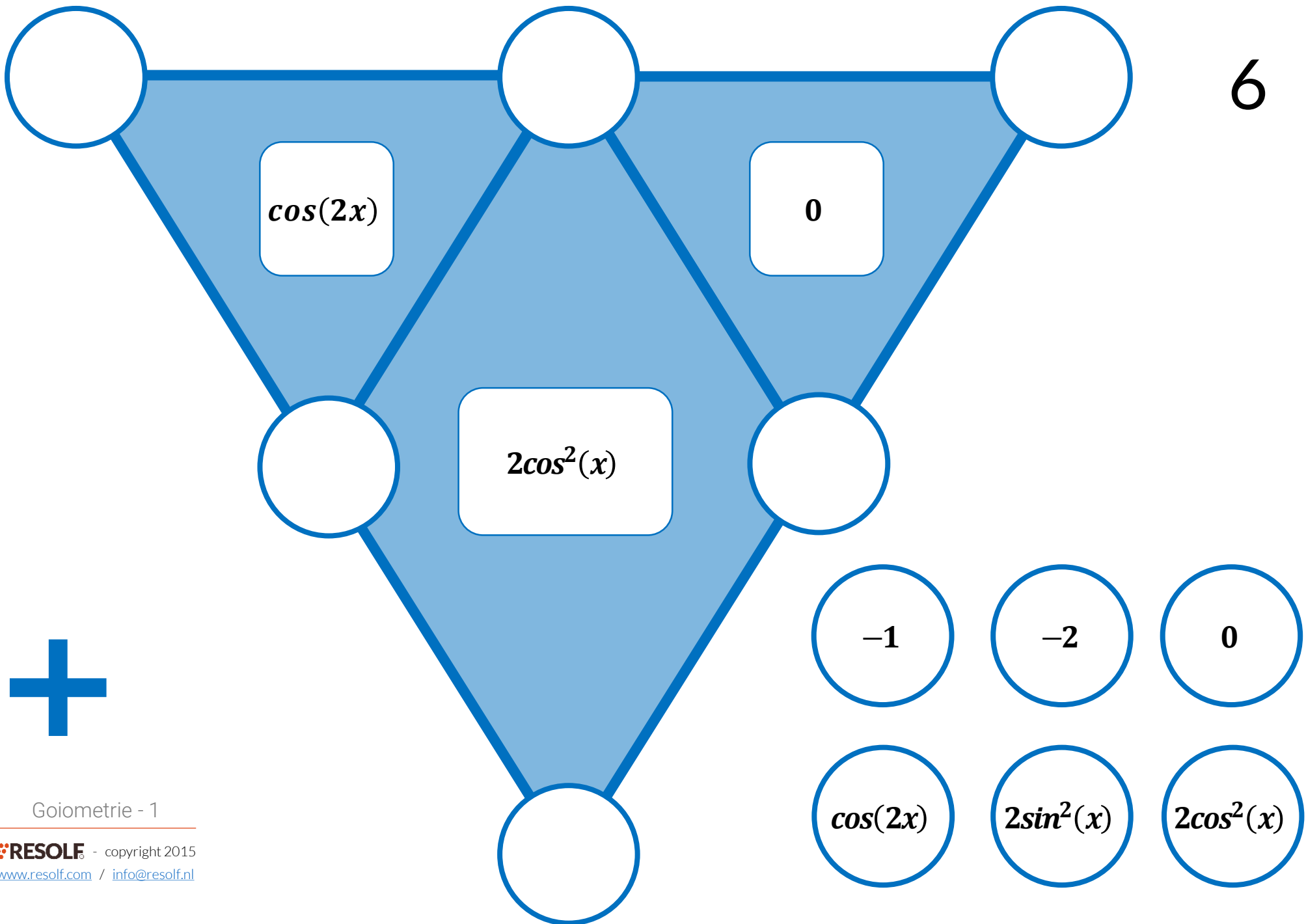
$\tan\left(\frac{-\pi}{3}\right)$

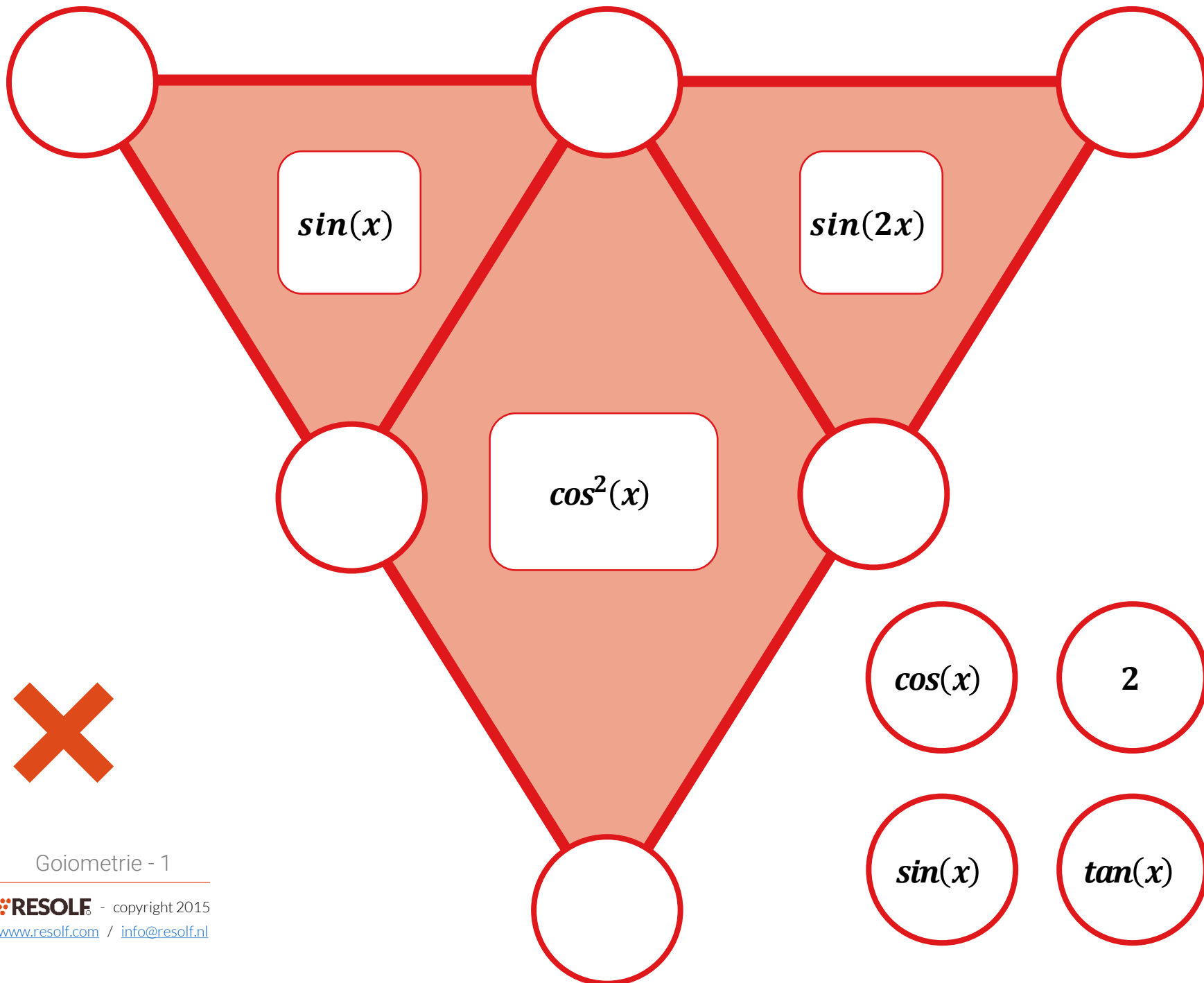
$\tan\left(\frac{\pi}{6}\right)$

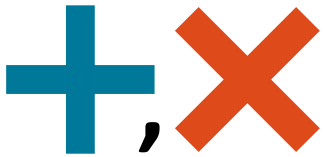
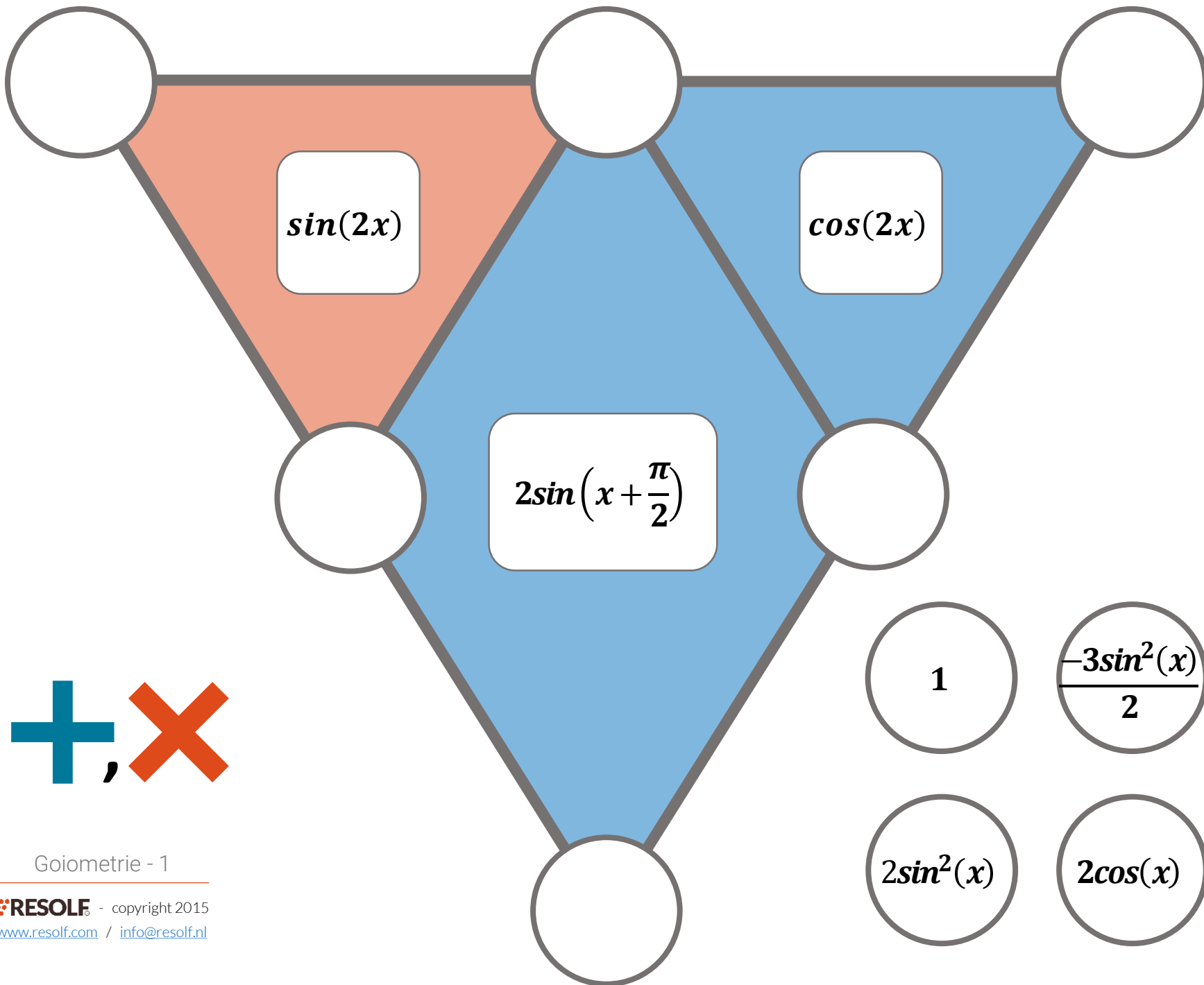
$\tan\left(\frac{2\pi}{3}\right)$

$\tan\left(\frac{\pi}{3}\right)$









$$y = \cos\left(\frac{3}{2}x - \pi\right)$$

$$y = \sin(3x + 2\pi)$$

$$y = \sin\left(\frac{x^2}{\pi}\right)$$

$f(x)$

$$(\pi, 0)$$

$$\left(\frac{\pi}{2}, -1\right)$$

$$(0, 0)$$

$$(2\pi, 1)$$

$$(2\pi, 0)$$

$$\left(\frac{\pi}{2}, \frac{\sqrt{2}}{2}\right)$$

$$y = \sin\left(x + \frac{\pi}{2}\right) + \frac{\sqrt{3}}{2}$$

$$y = -\cos\left(x + \frac{\pi}{3}\right)$$

$$y = \sin\left(2x - \frac{\pi}{3}\right)$$

$f(x)$

$$\left(\frac{1}{2}\pi, \frac{\sqrt{3}}{2}\right)$$

$$\left(\frac{1}{6}\pi, 0\right)$$

$$\left(\frac{7}{6}\pi, 0\right)$$

$$\left(-\frac{\pi}{3}, -1\right)$$

$$\left(\frac{5}{6}\pi, 0\right)$$

$$\left(-\frac{\pi}{6}, \frac{\sqrt{3}}{2}\right)$$



OPLOSSINGEN

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